

TE-PUFPLUS Hi-Vol PAH Air Sample Data Form

Sample Information

Full Site Name: Burush Harbor - Port
 Site Abbreviation BHP-A-2M Deployment No. 2
 Clean Batch PUF Plug No. 03.23.21 KMH 4/15/21 [KMH 5/20/21] Clean Batch Filter No. 02.17.21 KMH 4/15/21 [KMH 5/20/21]

Field Deployment and Recovery

Field Deployment Technician Name Skeller Setup Date/Time 4/13/21 9:30

Sample Run Date 4/14/21 Flow Conditions should be STD. Flow Rate should be 225 liters/min.

Once all necessary fields in Timer screen have been set, 3 things should happen:

- ☒ Green power light should start to blink;
- ☒ Timer countdown should start indicating when sampling run will commence;
- ☒ Status on main screen should change to "Waiting".

Field Recovery Technician Name Skeller Recovery Date/Time 4/15/21 9:00

Q _{Std} Avg Flow (liters/min)	<u>224</u>	Actual Start Date/Time	<u>4/14/21 0:00</u>
CV	<u>0.62</u>	Actual Stop Date/Time	<u>4/15/21 0:00</u>
Q _{Std} Volume (m ³)	<u>321.90</u>	T _{amb} Avg (°C)	<u>7.1</u>
Elapsed Time (HH:MM)	<u>24:00:00</u>	P _{amb} Avg (mmHg)	<u>747</u>
Flags? Expected flags: Completed, Q _{Std} <u>No unexpected flags [KMH 5/20/21]</u>			

Sample Status: VALID VOID (circle one)

Site Observations

Run Day Temperatures: High 52 Low 36 Source: Weather Channel

Run Day Precipitation: 0

Run Day Wind/Wind Direction: SW 8 mph

Run Day Sky Cover: pt. cloudy

Unusual Events? (fires, major storms, construction, etc.): ost

Maintenance

Check all that apply.

All weekly checks performed by Scott Keller [KMH 6/7/21]

Weekly Checks:

- ☐ Power cords/plugs ok?
- ☐ Gaskets ok?
- ☐ Shelter ok?
- ☐ Tubing ok?
- ☐ Timer ok?
- ☐ Debris removed?

Monthly Checks: (after 5th sample run of the month)

- ☐ Sampling head cleaned with Kim wipes?
- ☐ Pictures of site logbook taken?
- ☐ Temperature sensors within $\pm 2^{\circ}\text{C}$ of transfer standard?
- ☐ Pressure sensor within ± 10 mmHg of transfer standard?
- ☐ One-point flow verification within $\pm 10\%$ of Q_{Std} PUFPLUS ($0.225 \frac{\text{m}^3}{\text{min}}$)?

Maintenance Notes:

O. Saphique Thomas 6/1/2021